



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/pera

Regency Plus, Inc.
1024 Locust Gap Highway
Mount Carmel, PA 17851

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "5205" Outswing White PVC Casement Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **RPLS0061**, titled "Series '5205' Vinyl Impact Casement Window – LMI", sheets 1 through 5 of 5, dated 10/14/08, with revision E dated 02/07/12, prepared by PTC, LLC, signed and sealed by Robert J. Amoruso, P. E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 08-1118.10 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



MP
4/10/12

NOA No. 12-0223.08
Expiration Date: May 06, 2014
Approval Date: April 19, 2012
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **RPLS0061**, titled "Series '5205' Vinyl Impact Casement Window – LMI", sheets 1 through 5 of 5, dated 10/14/08 with revision E dated 02/07/12, prepared by PTC, LLC, signed and sealed by Robert J. Amoruso, P. E.

B. TESTS

1. Test report on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of series 5205 vinyl casement window, prepared by National Certified Testing Laboratories, Test Report No. **NCTL-110-11618-1**, dated 10/02/08, addendum letters I and II, dated 10/02/08 and 01/20/09 respectively, all signed and sealed by Harold E. Rupp, P. E.
(Submitted under previous NOA#08-1118.10)

C. CALCULATIONS


1. Anchor verification calculations and structural analysis, complying with FBC 2007, prepared by PTC, LLC, dated 11/12/08 and 03/12/09, signed and sealed by Paul E. Winter, P. E.
(Submitted under previous NOA#08-1118.10)
2. Glazing complies with ASTM E1300-04

D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **11-0624.01** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont Butacite® PVB Interlayer**" dated 09/08/11, expiring on 12/11/16.
2. Notice of Acceptance No. **07-1016.05**, issued to **Dominion Plastics, Inc.**, for their **White Rigid PVC Exterior Extrusions**, approved on 11/15/07, expiring on 10/24/12.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 12-0223.08
Expiration Date: May 06, 2014
Approval Date: April 19, 2012


NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of conformance, complying with FBC-2010, and of no financial interest, dated February 07, 2012, signed and sealed by Robert J. Amoruso, P.E.
2. Laboratory compliance letter in the Test Report No. **NCTL-110-11618-1**, issued by National Certified Testing Laboratories, dated 10/02/08, signed and sealed by Harold E. Rupp, P.E.
(Submitted under previous NOA#08-1118.10)

G. OTHER

1. Notice of Acceptance No. **08-1118.10**, issued to Regency Plus, Inc. for their Series 5205 Vinyl® Outswing White PVC Casement Window – L.M.I., approved on 01/28/09 and expiring on 01/28/14.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 12-0223.08
Expiration Date: May 06, 2014
Approval Date: April 19, 2012

REGENCY PLUS, INC.

SERIES "5205" VINYL IMPACT CASEMENT WINDOW - LMI

INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE HIGH VELOCITY HURRICANE ZONE (HVHZ) OF THE 2007 AND 2010 FLORIDA BUILDING CODE (FBC) AT THE DESIGN PRESSURE(S) STATED HEREIN. **A** **E**
2. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORT # NCTL-110-11618-1, DATED 10/02/08, ADDENDUM DATED 11/05/09 AND ADDENDUM II DATED 01/20/09 AND ASSOCIATED LABORATORY STAMPED DRAWINGS. **A**
3. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE / MASONRY AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD AND TO BE REVIEWED BY AHJ. **A**
4. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD AND TO BE REVIEWED BY AHJ. **A**
5. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, THEN THE BUILDING OFFICIAL MAY ELECT ONE OF THE FOLLOWING OPTIONS:
 - A. OUTSIDE HVHZ: REQUIRE THAT A LICENCED ENGINEER OR ARCHITECT PREPARE AND SUBMIT SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT TO BE REVIEWED BY AHJ. **A**
 - B. INSIDE HVHZ: REQUIRE THAT A ONE TIME SITE SPECIFIC APPROVAL BE APPLIED FOR AND OBTAINED FROM THE MIAMI-DADE COUNTY PRODUCT CONTROL DIVISION.

6. IN AREAS WHERE WIND-BORNE DEBRIS PROTECTION REQUIREMENTS EXIST, USE OF AN IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED. **A**
7. WINDOW FRAME MATERIAL: WHITE PVC **A** (DOMINION PLASTICS, INC. N.O.A. 07-1016.05)
8. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-04e1. **E**
9. DESIGNATION "X" STANDS FOR THE FOLLOWING:
X: OPERABLE PANEL
10. A 1/3 INCREASE IN ALLOWABLE STRESS FOR WIND LOADS WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR (Cd = 1.6) HAS BEEN USED FOR WOOD ANCHOR DESIGN.

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
3. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM SIZE IS 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
4. FOR INSTALLATION INTO WOOD FRAMING, USE #12 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 7/8 INCH.
- A** 5. FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE / MASONRY, OR DIRECTLY INTO CONCRETE / MASONRY, USE 1/4 INCH ITW TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 2-1/2 INCHES. MINIMUM CENTER TO CENTER DISTANCE IS 3 INCHES.
6. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING.

7. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
8. FOR CONCRETE BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
9. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
10. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - A** A. WOOD - PRESSURE TREATED (PT) SOUTHERN YELLOW PINE. MINIMUM SPECIFIC GRAVITY OF 0.55. LUMBER MUST COMPLY WITH FBC SECTIONS 2411.3.3.3 AND 2326.2 AS TO WOOD PROTECTION.
 - E** B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3192 psi AND COMPLIES WITH ACI 301.
 - E** C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90.

TABLE OF CONTENTS		
SHEET	REV.	SHEET DESCRIPTION
1	E	GENERAL AND INSTALLATION NOTES
2	E	ELEVATIONS
3	E	VERTICAL SECTIONS
4	E	HORIZONTAL SECTIONS & GLAZING DETAIL
5	E	COMPONENTS, BILL OF MATERIALS & CORNER DETAIL

DESIGN PRESSURE RATING (PSF)		IMPACT RATING
+55.0	-55.0	LMI

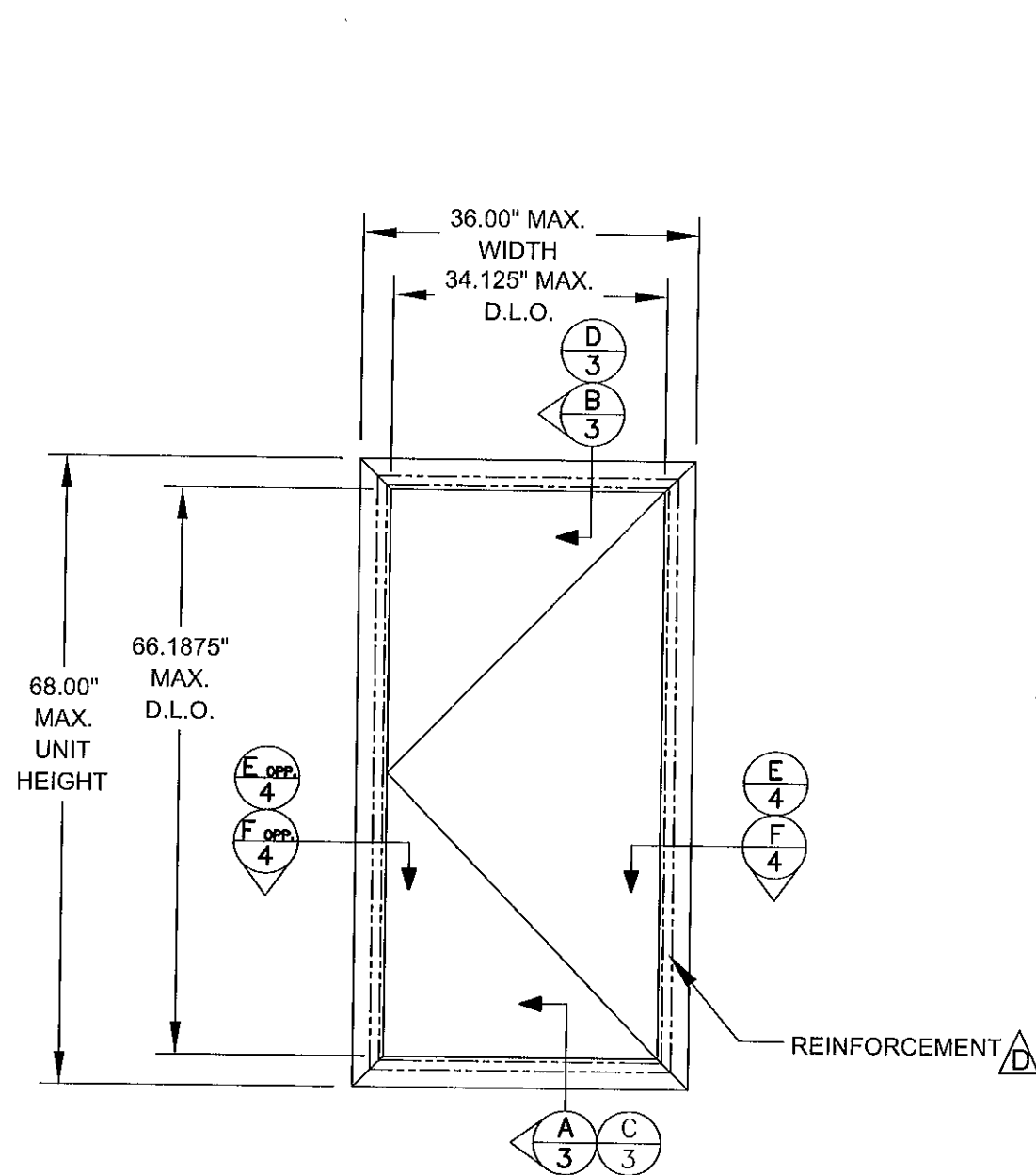
PROJECT #412-0120		TJH	SMC
UPDATE TO	2010 FBC	02/07/12	4/1/09
E	D	PER MIAMI DADE COMMENTS 3/7/09	PER MIAMI DADE COMMENTS
REV	C	DATE	BY

REGENCY PLUS, INC.		DATE:	10/14/08
1024 LOCUST GAP HIGHWAY		DRAWING NO:	RPLS0061
MT. CARMEL, PA 17851		SCALE:	N.T.S.
TITLE: SERIES "5205" VINYL IMPACT CASEMENT WINDOW - LMI		REV:	E
GENERAL AND INSTALLATION NOTES		SHEET:	1 OF 5
PREPARED BY:		FPE	

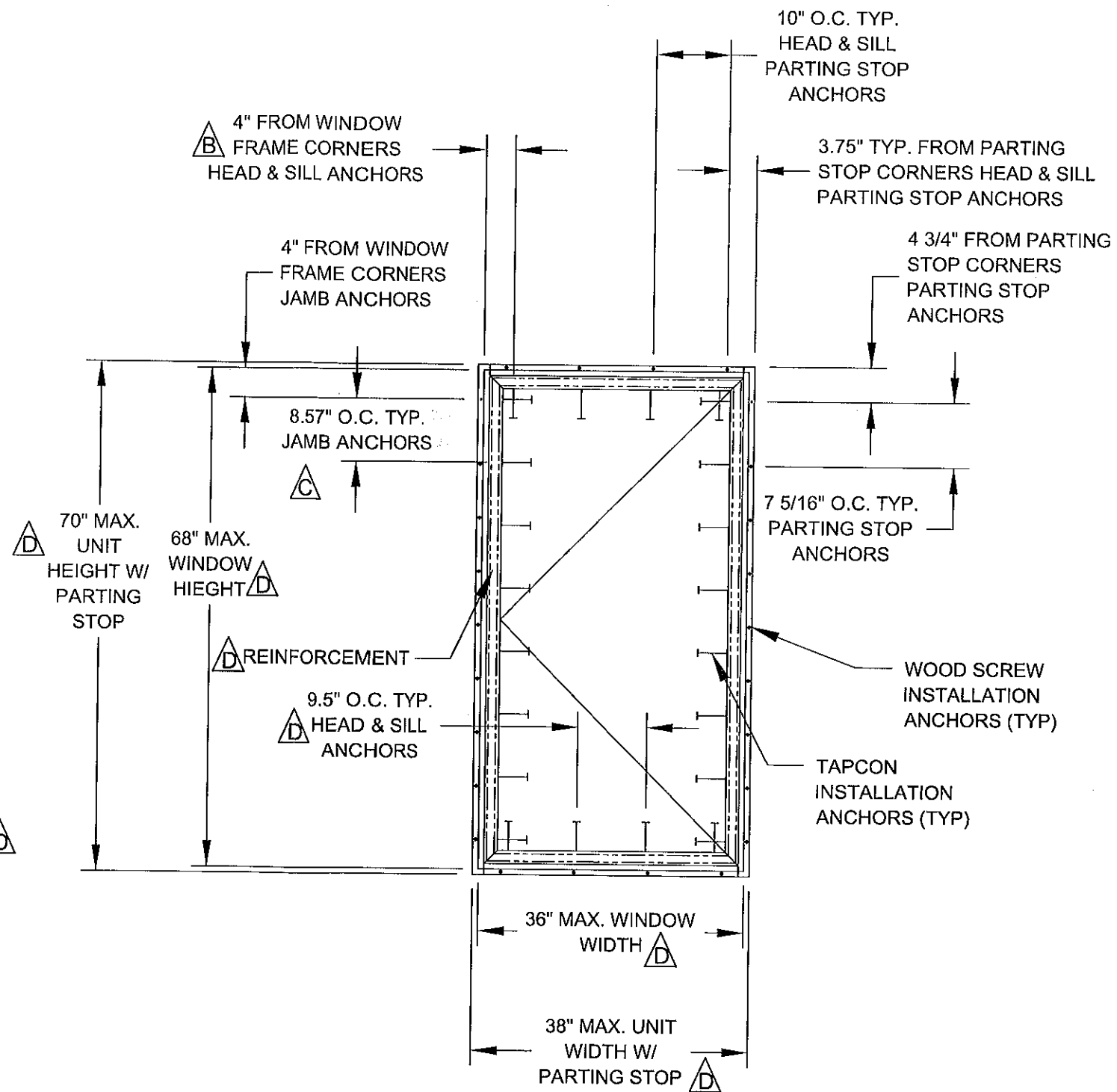
Robert J. Amoroso, P.E.
Florida P.E. No. 49752

PTC Product Design Group, LLC
PO Box 520775
Longwood, FL 32752-0775
321-690-1788 info@ptc-corp.com
FBPE Certificate of Authorization
No. 25935

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0223.08
Expiration Date May 6, 2014
By *M. J. Amoroso*
Miami Dade Product Control



ELEVATION
EXTERIOR VIEW Δ



ANCHOR LAYOUT
EXTERIOR VIEW Δ

PROJECT #412-0120		TJH	SMC	BB	BY
UPDATE TO	2010 FBC	02/07/12	4/1/09	03/12/09	DATE
E	D	C	REV		
PER MIAMI DADE COMMENTS 3/18/09		PER MIAMI DADE COMMENTS		DESCRIPTION	

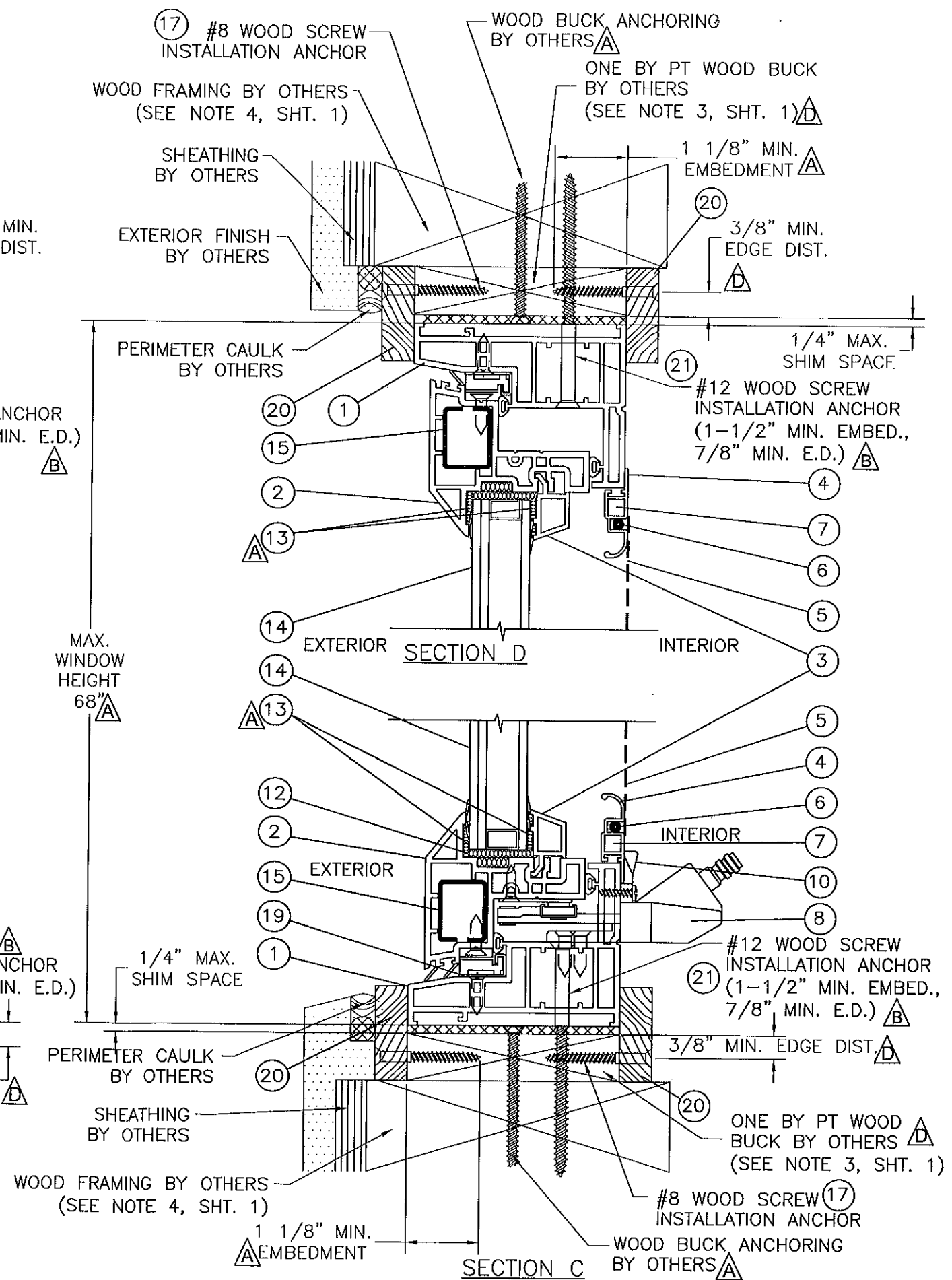
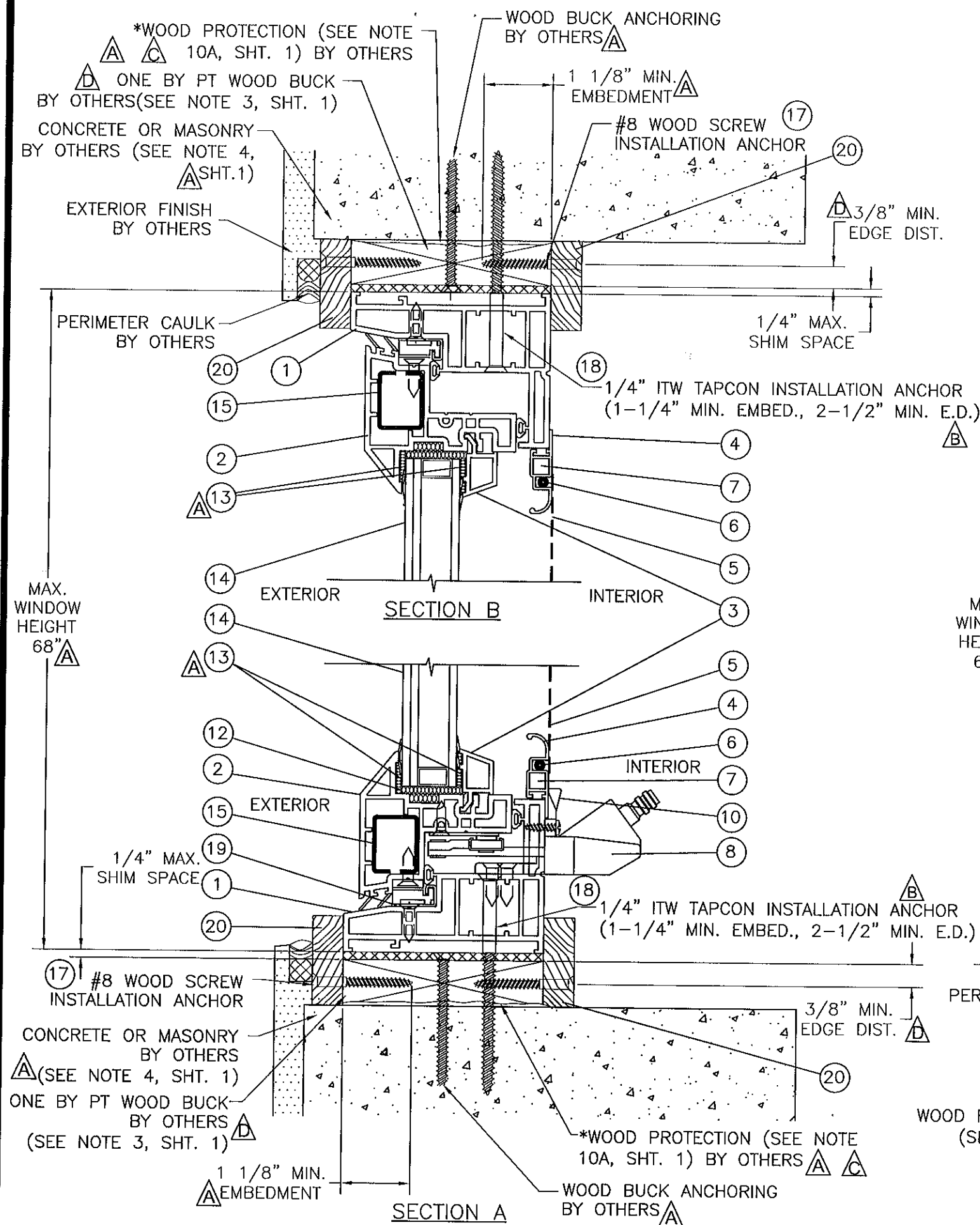
REGENCY PLUS, INC.		DATE:		DRAWING NO:		SHEET:	
1024 LOCUST GAP HIGHWAY		CB		N.T.S.		E	
MT. CARMEL, PA 17851		10/14/08		RPLS0061		2 OF 5	
TITLE: SERIES "5205" VINYL IMPACT CASEMENT WINDOW - LMI		PREPARED BY:		FPC			
ELEVATION AND ANCHOR LAYOUT							

Robert J. Amoroso, P.E.
Florida P.E. No. 49752

Handwritten signature and date 2/2/12

PTC Product Design Group, LLC
PO Box 520775
Longwood, FL 32752-0775
321-690-1788 info@ptc-corp.com
FBPE Certificate of Authorization
No. 25935

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0223.08
Expiration Date May 6, 2014
By *Handwritten signature*
Miami Dade Product Control



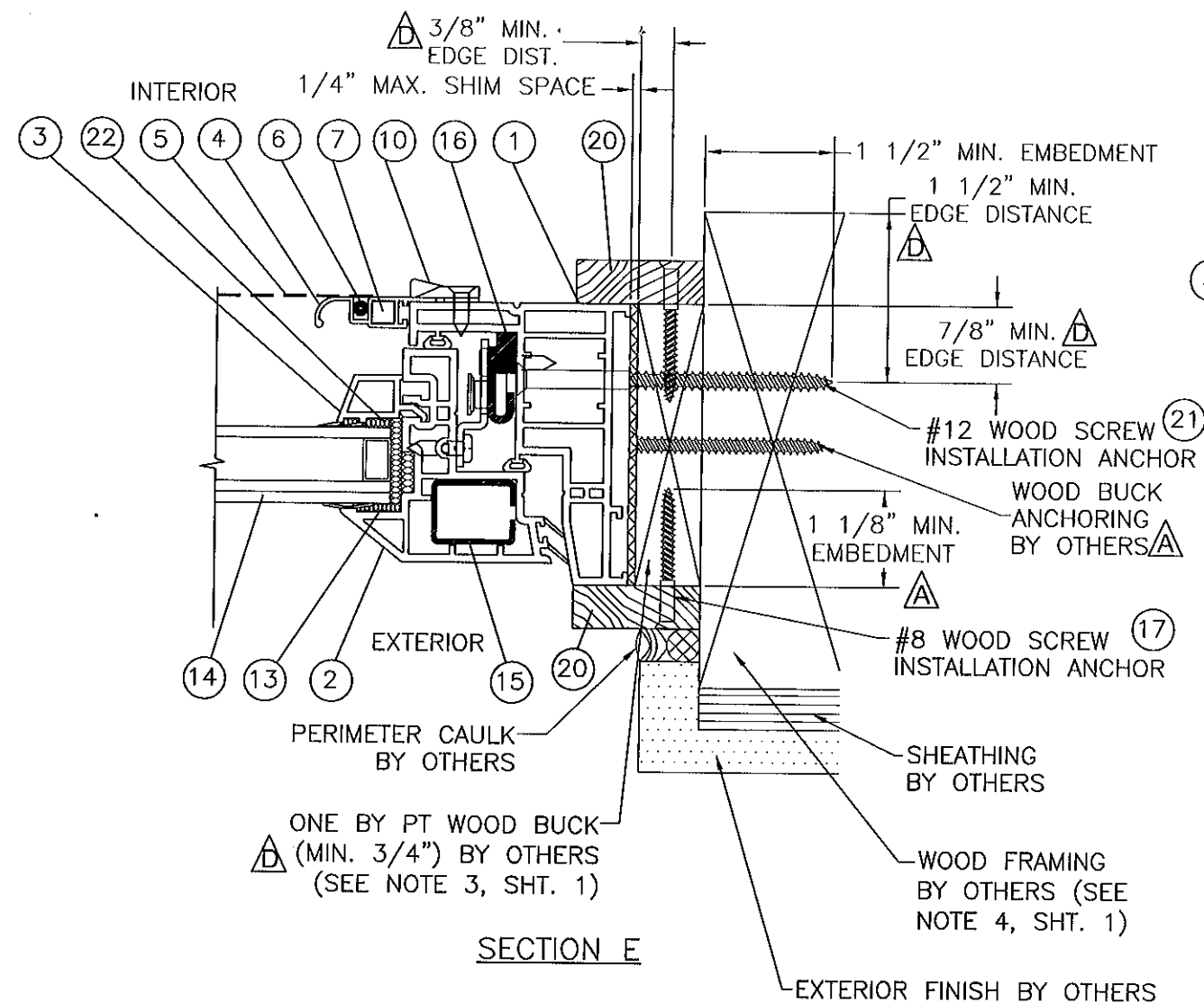
PROJECT #412-0120	TJH	SMC	BB	BY
02/07/12	02/07/12	4/1/09	03/12/09	DATE
UPDATE TO 2010 FBC	PER MIAMI DADE COMMENTS 3/18/09	PER MIAMI DADE COMMENTS	DESCRIPTION	REV
E	D	C		

REGENCY PLUS, INC.	DATE:	10/14/08	3 OF 5
1024 LOCUST GAP HIGHWAY	DRAWN BY:	CB	
MT. CARMEL, PA 17851	SCALE:	N.T.S.	
TITLE: SERIES "5205" VINYL IMPACT CASEMENT WINDOW - LMI VERTICAL SECTIONS	REV:	E	
PREPARED BY:			

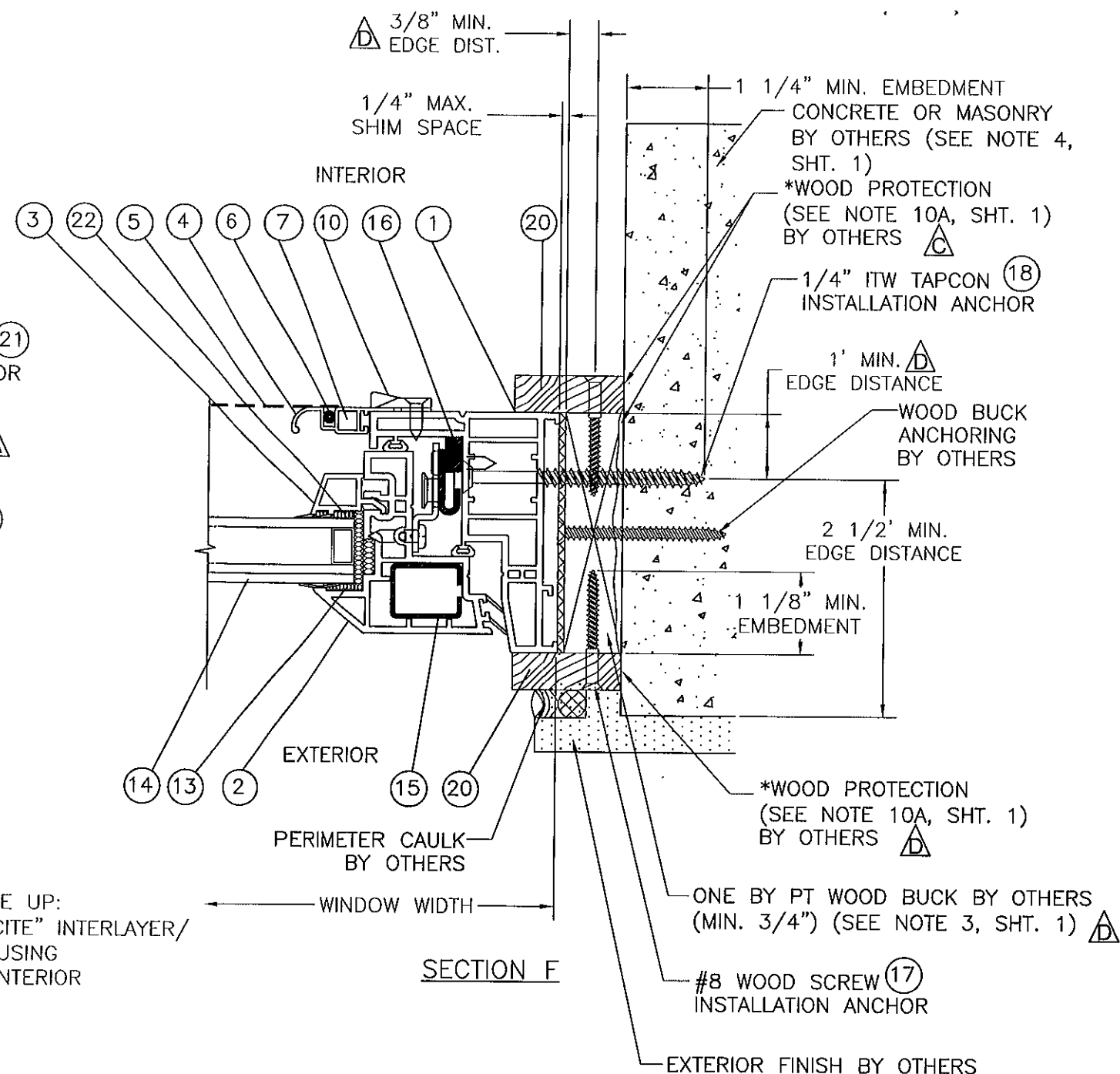
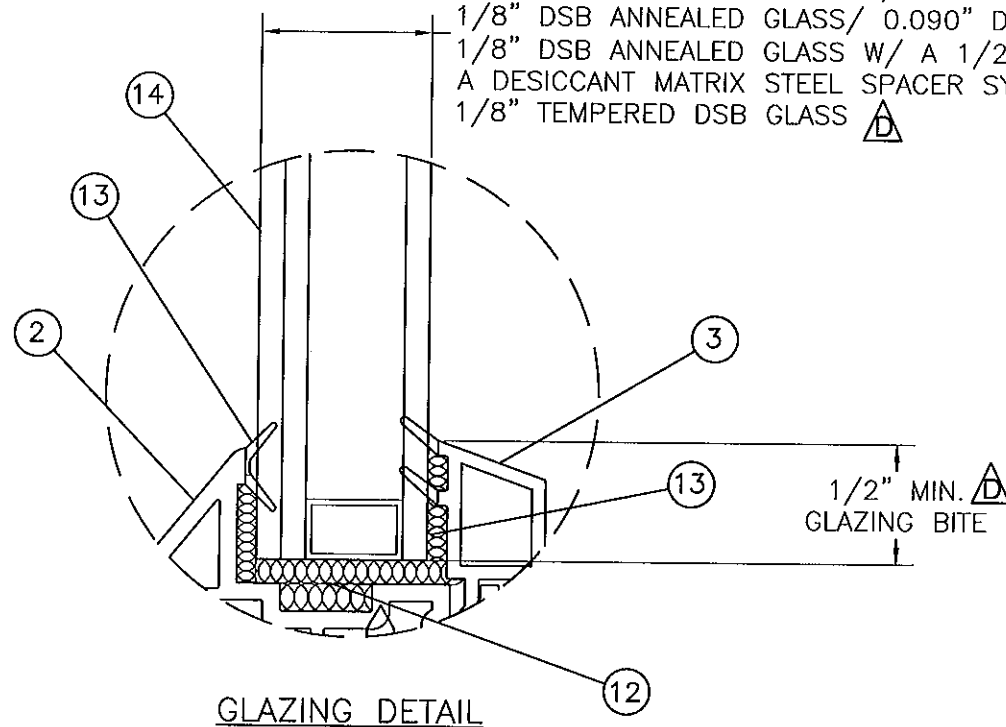
Robert J. Amoroso, P.E.
Florida P.E. No. 49752

PTC Product Design Group, LLC
PO Box 520775
Longwood, FL 32752-0775
321-690-1788 info@ptc-corp.com
FBPE Certificate of Authorization
No. 25935

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0223-08
Expiration Date 12/16/2014
By *Manuel Pina*
Miami Dade Product Control



7/8" O.A. GLASS CONSISTING OF:
 EXTERIOR LAMINATED GLASS W/ THE FOLLOWING MAKE UP:
 1/8" DSB ANNEALED GLASS/ 0.090" DUPONT "BUTACITE" INTERLAYER/
 1/8" DSB ANNEALED GLASS W/ A 1/2" AIR SPACE USING
 A DESICCANT MATRIX STEEL SPACER SYSTEM & AN INTERIOR
 1/8" TEMPERED DSB GLASS



PROJECT #412-0120	TJH	SMC	BB	BY
UPDATE TO 2010 FBC	02/07/12	4/1/09	03/12/09	DATE
E	D	C	REV	
PER MIAMI DADE COMMENTS 3/18/09	PER MIAMI DADE COMMENTS			

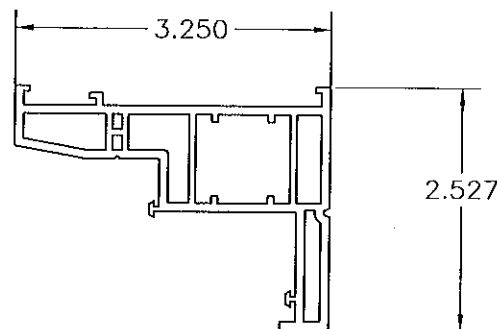
REGENCY PLUS, INC.	DATE:	10/14/08	DATE:	10/14/08	DATE:	10/14/08
1024 LOCUST GAP HIGHWAY	DRAWN BY:	CB	DRAWING NO:	RPLS0061	DRAWING NO:	RPLS0061
MT. CARMEL, PA 17851	SCALE:	N.T.S.	SCALE:	N.T.S.	SCALE:	N.T.S.
TITLE: SERIES "5205" VINYL IMPACT CASEMENT WINDOW - LMI	PREPARED BY:	E	PREPARED BY:	E	PREPARED BY:	E
HORIZONTAL SECTIONS & GLAZING DETAIL	SHEET:	4 OF 5	SHEET:	4 OF 5	SHEET:	4 OF 5

Robert J. Amoroso, P.E.
 Florida P.E. No. 49752

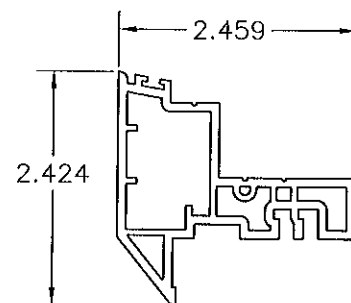
PTC Product Design Group, LLC
 PO Box 520775
 Longwood, FL 32752-0775
 321-690-1788 Info@ptc-corp.com
 FBPE Certificate of Authorization
 No. 25935

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 12-0223.08
 Expiration Date May 6, 2014
 By *Manuel*
 Miami Dade Product Control

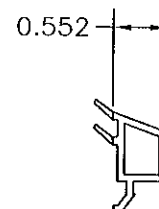
① MAIN FRAME
0.090" TYP. WALL THICKNESS



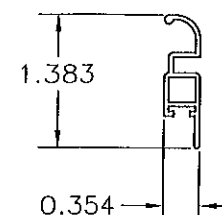
② SASH FRAME
0.090" TYP. WALL THICKNESS



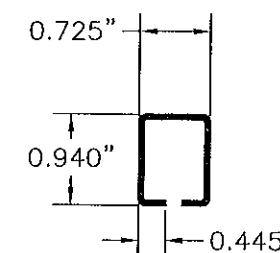
③ GLAZING BEAD
0.070" TYP.
WALL THICKNESS



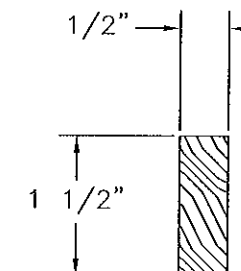
④ SCREEN FRAME
0.045" TYP.
WALL THICKNESS



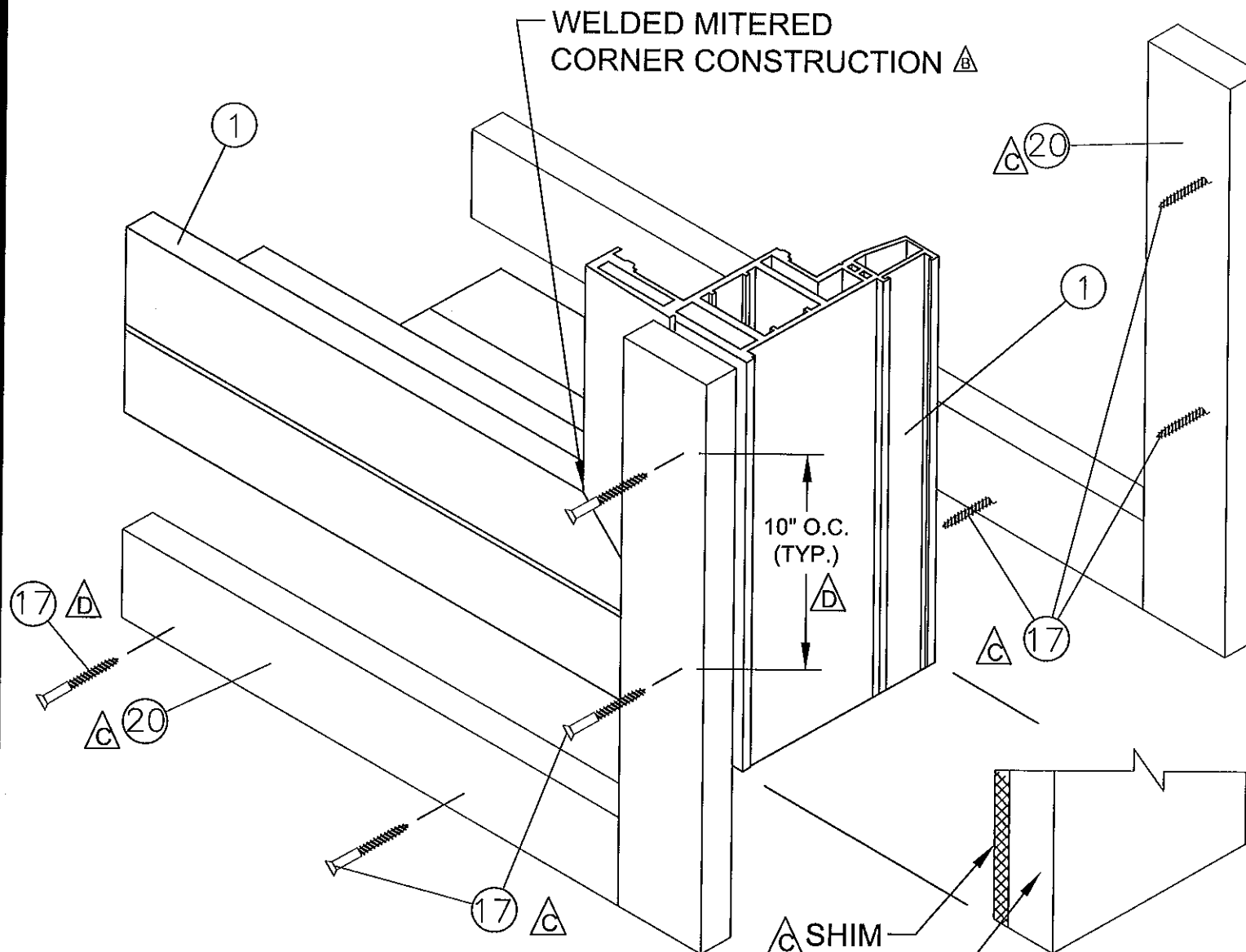
⑮ VENT REINFORCEMENT
0.055" TYP.
WALL THICKNESS



⑳ PARTING STOP
N.A. TYP.
WALL THICKNESS



WELDED MITERED
CORNER CONSTRUCTION Δ



DETAIL 1

NOTE:
PARTING STOP EXTERIOR PERIMETER
TO BE SEALED TO 1X PT WOOD BUCK
WITH SIKA 551 SILICONE Δ

1X PT WOOD BUCK
 Δ BY OTHERS

Δ SHIM

BILL OF MATERIALS

ITEM #	PART #	QTY	DESCRIPTION	SUPPLIER	MATERIAL
1	1083 WHITE	4	MAIN FRAME	DOMINION PLASTICS	WHITE PVC
2	1084 WHITE	4	SASH FRAME	DOMINION PLASTICS	WHITE PVC
3	1103 WHITE	4	GLAZING BEAD	DOMINION PLASTICS	WHITE PVC
4	HJ8172-NW	4	SCREEN FRAME	SHAPED UNLIMITED	RIGID VINYL
5	FG18X16.011	1	FIBERGLASS SCREEN	HANOVER WIRE	FIBERGLASS MESH
6	EX-FLX-Q165-RK	1	SCREEN SPLINE	IMPERIAL PLASTICS	HOLLOW VINYL
7	.250" X .260"	4	SCREEN CORNER KEYS	SUMMIT METAL	-----
8	50.01.78.011	1	OPERATOR HARDWARE ASSEMBLY	TRUTH	-----
9	24-84-32-002	1	RIGHT LOCK ASSEMBLY	TRUTH	-----
10	8702-046	6	SCREEN CLIP	ASHLAND	RIGID VINYL
11	1" X 1/2" X 1/2"	1	FOAM WEEP FILTER	WHITEMAN TOVER	FOAM
12	2NB-8K-.125-028-026	4	GLAZING PADS	FRANK LOVE	-----
13	SIKA FLEX 552	-	IMPACT GLAZING SEALANT	SIKA CORP.	SILICONE
14	-----	1	IMPACT INSULATED LAMINATED GLASS	A.F.G.	GLASS
15	-----	4	VENT REINFORCEMENT AISI 1015 HOT DIPPED GALVANIZED G40	-----	GALVANIZED STEEL Δ
16	21842.92	10	SNUBBER INTERLOCK	TRUTH	METAL
17	-----	-	#8 x 1 5/8" WOOD INSTALLATION SCREW	-----	STEEL Δ
18	-----	-	1/4" TAPCON INSTALLATION ANCHOR	ITW (NOA 07-0315.03)	STEEL
19	32384.92	1	11.5 TRACK OPERATOR	TRUTH	-----
20	-----	8	PARTING STOP (WOOD 1/2" X 1 1/2") Δ Δ (SEE NOTE 10A, SHT. 1)	PT PINE WOOD Δ	G = 0.55 MIN. Δ
21	-----	-	#12 WOOD INSTALLATION SCREW	-----	STEEL

REGENCY PLUS, INC.
1024 LOCUST GAP HIGHWAY
MT. CARMEL, PA 17851

TITLE: SERIES "5205" VINYL IMPACT CASEMENT WINDOW - LMI
COMPONENTS, BILL OF MATERIALS & CORNER DETAIL

DATE: 10/14/08
DRAWING NO: RPLS0061
SHEET: 5 OF 5
DRAWN BY: CB
SCALE: N.T.S.
REV: E

Robert J. Amoroso, P.E.
Florida P.E. No. 49752

PTC Product Design Group, LLC
PO Box 520775
Longwood, FL 32752-0775
321-690-1788 info@ptc-corp.com
FBPE Certificate of Authorization
No. 25935

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0273.08
Expiration Date May 6, 2014
By *Manuel Perez*
Miami Dade Product Control